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**PYRENONE®**  
**25-5 M.A.G. LIQUID INSECTICIDE CONCENTRATE**

**\* COMMERCIAL**  
**\* CONTAINING PYRETHRINS AND PIPERONYL BUTOXIDE**

**GUARANTEE:**

Pyrethrins.....5.0%  
Piperonyl Butoxide, Technical.....25%

REGISTRATION NO. 14632 PEST CONTROL PRODUCTS ACT

**READ THE LABEL BEFORE USING**

**CAUTION POISON**

**KEEP OUT OF REACH OF CHILDREN**

NET CONTENTS liters

Bayer CropScience Inc.\*  
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Calgary, AB T2Z 3X2  
Telephone: 1-888-283- 6847

\*Bayer Environmental Science  
A Division of Bayer CropScience

**FIRST AID**

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

Take container, label or Pest Control Product Registration Number with you when seeking medical attention. In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-888-283-6847.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN.**

This product contains a petroleum distillate. Harmful if swallowed. Do not breathe spray mist. Avoid contact with skin and eyes. Wear mask or respirator to adequately protect against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

Do not apply directly to food. Do not apply space spray while food processing is underway. Foods should be removed or covered before treatment. Thoroughly wash all food processing surfaces before reuse. After spraying in meat packing plants, bakeries and the food processing plants, wash with potable water all equipment, benches, shelving, etc. where exposed food will be handled. In case washing is impractical, do not allow food to come in contact with treated surfaces for at least 48 hours.

When using in animal quarters, do not apply directly to, or contaminate food, water or food supplements. Wash teats of dairy animals before milking. Do not spray over milk or milking equipment. Remove pets, birds and cover fish aquaria before spraying. This product is toxic to fish. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

Do not pour or spill near open flame.

GENERAL INFORMATION: For indoor or outdoor applications as a space, area or contact spray. Dependant upon pests to be controlled and the area to be treated, may be applied through Mechanical Aerosol Generators (ULV) as well as conventional fogging or spraying equipment.

### **DO NOT APPLY BY AIR**

### **DIRECTIONS FOR USE**

Pyrenone 25-5 M.A.G. is effective in the control of the indicated insects if the applicator follows directions for use enumerated below:

Angoumois grain moth	Horse Flies
Ants House	Flies
Boxelder bugs	Indian Meal Moths
Caddises Lice	
Cheese mites Mealworms	
Cheese skippers	Mediterranean Flour Moth
Cigarette Beetles Mosquitoes	
Clover Mites	Red Flour Beetles
Confused Flour Beetles	Rice Weevils
Drugstore Beetles	Saw-toothed Grain Beetle
Drosophila Spider	Beetles
Gnats Stable	Flies
Grain Mites Tobacco	Flies
Granary Weevils	Wasps
Hornets	

INDOOR USE AS A SPACE SPRAY, UNDILUTED: The use of this product in food processing or food handling establishments should be confined to time periods when the plants or establishments are not in operation. Foods should be removed or covered during treatment or thoroughly cleaned before using.

Close doors and windows and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at a rate of 50 mL per 100 cubic meters of space. Direct the spray toward the ceiling and upper corners of the area and behind obstructions. Vacate the treated area and ventilate before reoccupying. Repeat treatments as necessary.

The above described application will kill accessible exposed stages of **Flies, Drosophila, Mosquitoes, Gnats, Clover Mites, Cheese Mites, Cheese Skippers, Ants** and the following common stored product pests: **Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Worms, Grain Mites, Cadelles and Red Flour Beetles.**

INDOOR USE AS A SPACE SPRAY, DILUTED: For use in conventional mechanical fogging equipment, to kill **Flies, Mosquitoes, Drosophila and Gnats**: Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Dilute 1 part Pyrenone 25-5 M.A.G. plus 49 parts oil and mix well. Apply at a rate of 100-200 mL per 100 cubic meters filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestations occurs.

#### SURFACE SPRAY

**Ants and Drugstore Beetles**: Dilute 1 part of Pyrenone 25-5 M.A.G. plus 49 parts oil and mix well and apply as a coarse droplet spray using approximately 5 liters to 100 square meters of surface. Spray walls, floors and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying, processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

For in-transit protection, clean and spray truck beds, boxcars and ships' holds before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

AS AN AID IN THE CONTROL OF MOSQUITOES, GNATS, WASPS AND SKIPPERS: Treat walls, ceilings, moldings, screens, door and window frames, beams, light cords and similar resting places.

FARM BUILDINGS: As a space spray for **Gnats, House Flies, Mosquitoes and Stable Flies**. Remove animals before treatment. Dilute 1 part Pyrenone 25-5 M.A.G. plus 49 parts of oil and mix well. Apply at a rate of 300 mL per 100 cubic meters of space above the animals. Direct the spray towards the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

**OUTDOOR GROUND APPLICATION, UNDILUTED: TO CONTROL ADULT MOSQUITOES:** For best results, apply when there is a light breeze at approximately 10 km per hour. Apply from the windward side so the fog will be carried across the area to be treated. Treat shrubbery and vegetation where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas and ponds may be treated. Application of this product to any body of water is prohibited. Repeat treatment as required. Pyrenone 25-5 M.A.G. should be applied without further dilution. Dispense fog at the following rates depending on the speed at which the truck is moving:

<b>Truck Speed</b> (km per hour)	<b>Flow Rate of Pyrenone</b> <b>25-5 M.A.G.</b> mL per Minute
10	56 - 63 mL
15	112 - 126 mL

Delivery rate and travelling speeds can be varied slightly so long as the basic objective of 2.25 to 2.75 mL actual pyrethrins and 11-15 mL of piperonyl butoxide per hectare is maintained. Use a swath width of 100 m for hectare calculations.

### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Keep container closed. Store in a cool place. Do not store, pour or spill near heat or open flame. Do not reuse empty drum.

#### **Disposal:**

1. Triple or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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